Public Works (1911) Department.

G.O., No. 310-I.

DATED 28-9-1911.

The Notes
in this G.O. have been printed.

[Despatch Abstract.]

Sheds for twelve lascars at Thekkady, Madura Division

An estimate, amounting to Rs. 7,134 inclusive of establishment charges, for constructing —, sanctioned with remarks.

F. Ed. | 28/9/11 | dr 9/10.

Indexed

9/10

Regd. as 51-9/11-12

3 10 11.

W
5 10 11

[P. W. O. 9,600—20-7-08.]

M. G.
28/9/11

Government of Madras.

PUBLIC WORKS DEPARTMENT.

IRRIGATION.
ACCOUNT.

Recd.	1911.	*Enclosures*
Regd.		*Spare copies*

G.O. No. 310 I., 28th September 1911.

Sheds for twelve lascars at Thekkady, Madura Division

An estimate, amounting to Rs. 7,134 inclusive of establishment charges, for constructing —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers :—

I

Letter—from C Mildred, Esq., A.M.I.C.E., Superintending Engineer, VI Circle.
To—the Chief Engineer for Irrigation.
Dated—Trichinopoly, the 1st August 1911.
No.—847-C.E.

I have the honour to forward herewith, for your approval and sanction of Government, an estimate amounting to Rs. 5,700 for constructing huts for twelve lascars at Thekkady, Periyár Head Works, in the Madura district.

The huts will be constructed at the site shown on plan M. No. 334-B of 1911, similar to the huts constructed for the regulator lascars at Periyár on design M. No. 334-A of 1911.

I have nothing to add to what is said in the report attached to the estimate, which clearly explains the necessity for and the details of the works proposed.

The work will be completed before the 31st March 1913.

The rates entered in the estimate are fair and the estimate is recommended for early sanction, as a sum of Rs. 2,500 is sanctioned for expenditure during the current official year in the final issue of the Irrigation Budget issued with G.O. No. 135 I., dated 28th April 1911.

Enclosures.

(i)

Report to accompany the estimate for constructing huts for twelve lascars at Thekkady.

	RS.
Amount of estimate	5,700

This estimate has been prepared with reference to the Superintending Engineer's order No. 629, dated 31st January 1911, on the inspection notes of the Executive Engineer for the month of January 1911.

The establishment at Thekkady at present consists of sluice lascars 6, watchman and sweepers 3, lascars for S.S. "Daisy" 4, making a total of 13. To this should be added 3 more for the new steam launch S.S. "Lily." Accommodation is therefore required for sixteen men in all.

The four launch men already have separate quarters by the side of driver's quarters, well away from the officer's camp. The six sluice lascars are provided with huts opposite the Sluice Superintendent's quarters. The accommodation for each lascar consists of one room 16 ft. × 10 ft. with a 6½ ft. verandah and no backyard. The accommodation is inadequate and the whole building is crowded and insanitary beyond description. The lines are most unsightly, dirty and miserable, especially in the chilly damp climate of Thekkady, and a good deal of the unhealthiness and illness among the establishment may be traced to their insanitary housing. The site proposed for the new lines is high and well situated and in other respects convenient.

The three remaining men are occupying a very small thatched shed close to the head sluice. This is an eyesore to the place and is a source of danger, as fires frequently occur on the hills near by in the dry weather. New accommodation is therefore required for these three men and also for the crew of the S.S. "Lily" for which three men are to be appointed.

On these considerations, it is now proposed to erect huts for twelve men in two blocks of six each, abandon the present old line of huts in the officer's camp, and level it to the ground forming a clear space where a garden can be made.

It is reported by the Sub-Division Officer, Thekkady (copy enclosed), that neither the corrugated iron sheets (roofing materials) doors and windows, nor the stones available from the demolition of the existing huts can be made use of in the proposed huts; as the roofing sheets are patched and leaky and the timber is old and unsound. The old materials may, however, be sold and a lump sum credit has been allowed in the estimate. Provision is made for demolishing the huts.

The design adopted for the proposed huts and the rates proposed are the same as those sanctioned for Periyár, in the estimate of Rs. 7,230 for constructing huts for twelve lascars and one head lascar for regulator at right bank escape, Periyár, in Register No. 209 S.E. of 1908–09, except that the rate for roofing is reduced to Rs. 25 and Re. 1 more is allowed for superstructure as a lead of over 100 ft. is involved.

J. M. M. PARKER,
Executive Engineer, Madura Division.

(ii)

Letter—from the Sub-Division Officer, Thekkady.
To—the Executive Engineer, Madura Division.
Dated—the 12th May 1911.
No.—843.

I beg to submit herewith a section of the existing line of lascars' huts and state that the roof is made up of small cast-iron sheets and screwed down at such short intervals that if they be removed, and put on the new building it will be awfully leaky. In addition to the screw holes, there are a number of big ones caused by the stones blasted in the water shed cutting. The timber is over fifteen years old, and are not also of the section required for the new building. The only item that can be given credit to is the doors and windows, but the cost of demolishing the building will exceed that value. It is only why I neither gave the credit nor the debit and thus complicate the estimate—

(1) Angelly wood will be used. This is as good as teak, though not costly.

(2) The existing line is in one continuous block of six huts.

(3) The existing line cannot be pulled down before completing the new. Moreover, that is about 150 yards away from the site of new line. The old stone need not be brought in for the new work, as stones from the water shed cutting can be used for the same.

II

Endorsement by the Chief Engineer for Irrigation, R.O.C. No. 2215/11, dated 2nd September 911.

Submitted to Government.

2. It is observed that the Superintending Engineer has deducted from the estimate a sum of Rs. 100 representing the value of the old materials available from the existing sheds. This procedure is incorrect as the estimate will not then represent the actual cost of the new work. The deduction referred to has therefore been omitted from the estimate. The value of the materials should be properly credited to the Revenue Account of the Periyár system.

The estimate has been increased to Rs. 5,800 on account of the above alteration. It is recommended that the estimate as altered be sanctioned.

3. The Superintending Engineer should report the approximate original cost of the existing huts proposed to be abandoned and the account head to which it was charged so that any write-back necessary may be effected with reference to paragraph 1921 of the Public Works Department Code, Vol II.

H. E. CLERK,
Chief Engineer for Irrigation.

To the Joint Secretary to Government, Public Works Department (Irrigation), with the Superintending Engineer's letter and enclosures in original.

Order—No. 310 I., dated 28th September 1911.

The following estimate is sanctioned:—

Imperial.
Capital expenditure not charged to Revenue.
49. Irrigation.
Periyár system.
Open capital account.
I Works.
1. Head works.
K. Buildings.
Unremunerative work.
Constructing sheds for 12 lascars at Thekkady.

	RS.
Estimate—	
I. Works	5,800
II. Establishment	1,334
Total ...	7,134

2. This sanction is registered as No. 51 I. of 1911–1912 and will expire on the 31st March 1913.

3. The attention of the Superintending Engineer, VI Circle, is drawn to paragraphs 2 and 3 of the foregoing endorsement by the Chief Engineer for Irrigation.

(True Extract.)

H. E. CLERK,
Joint Secretary to Government, P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle,
with plans and estimates.
" Accountant-General, Madras.

Forwarded to the

(By Order.)

Deputy Registrar.

PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

NOTES CONNECTED WITH G.O. No. 310 I., DATED 28TH SEPTEMBER 1911.

[SUBJECT.—*Estimate of Rs.* 5,800 *for constructing huts for twelve lascars at Thekkady, Periyar Head works.*]

Endorsement by the Chief Engineer for Irrigation, dated 2nd September 1911, *R.O.C. No.* 2215/11.

Under Secretary—

A draft order sanctioning the estimate is submitted.

2. The proposal is to abandon the old line of huts and to construct new huts for twelve men on a different site. The estimate includes a provision of Rs. 100 to cover the cost of demolishing the existing huts. This provision seems a proper charge to the estimate as the proposed huts are intended to replace the old ones and the approximate original cost of the latter is to be written back from the capital to the Revenue account of the Periyar system under paragraph 1921 of the Public Works Department Code.

3. An amount of Rs. 100 representing the value of the materials available from the old huts is deducted from the estimate. The deduction made is incorrect as the estimate will not then represent the *actul* cost of the proposed work, and it has therefore been omitted. The value of the old materials should be properly credited to the Revenue account of the Periyar system. For precedents please see page 4 of G.O. No. 193 I., dated 28th June 1911, and page 4 of notes to G.O. No. 151 I., dated 17th May 1910.

4. Submitted that the draft order may in the first instance be forwarded to Accountant-General for acceptance.

T.S.R.—30-8-11.
M.S.V.—30-8-11.

Joint Secretary—

Submitted.

H. L. NICHOLSON—2-9-11.
H. E. CLERK—2-9-11.

To Accountant-General u.o.

ACCOUNTANT-GENERAL'S OFFICE.

Joint Secretary—

No. 197 *C., dated 9th September* 1911.

The reference involves two points—

(*a*) Cost of demolishing the old work

(*b*) Value of materials obtainable from the old work.

(*a*) The demolition being incidental to the construction of the new huts, the cost should properly be debited to the new work which is chargeable to the Capital account of the system.

As regards (*b*), the value should be credited to the Revenue account as decided in the precedents quoted.

A. NEWMARCH—9-9-11.

Under Secretary—

Submitted that the draft order may now be circulated to His Excellency the Governor.

T.S.R.—12-9-11.

M.S.V.—12-9-11.

Joint Secretary—

Submitted

H.L.N.—14-9-11.

Submitted to His Excellency the Governor.

The above estimate provides for constructing quarters for twelve lascars at Thekkady. Six sluice lascars have qurters but they are reported to be dirty and insanitary. Three others live in a small thatched shed. It is proposed to demolish these buildings and build new quarters on a better site providing also for three men who will form the crew of the *Lily* the new steam launch lately erected.

A draft order sanctioning the estimate is submitted.

H.E.C.—14-9-11.

Approved.

A. L[AWLEY]—15-9-11.

Under Secratary—

The draft order may now issue

M.S.—18-9-11.

B.G.R.—18-9-11.

Issue.

H.L.N.—19-9-11.

[Issued as G.O. No. 310 I., dated 28th September 1911.]

8 7

Mp165 From the Sup. Engr:, VI Circle, d/1-8-11, No 847 C.C.

CURRENT No. 11095
PASSED ON BY
R. C.
U. R. C.
REF.
R. K.
D. O.

Endorsement by the Chief Engr for Irrgn Roc No 2215/11 d/2-9-11.

Submitted to Govt.

2. It is observed that the Sup. Engr: has deducted from the estimate a sum of Rs 100 representing the value of the old materials available from the existing sheds. This procedure is incorrect as the estimate will not then represent the actual cost of the new work. The deduction referred to has therefore been omitted from the estimate. The value of the materials should be properly credited to the Revenue Acct of the Periyar System.

p7 of C.f.

Please see para 4 of SD's note printed with G.O. No 195-I d/28-6-11 where a similar case has been dealt with. pg 6

[illegible] 9/9/11

9

9 8

65

The estimate has been increased to Rs 5800 on account of the above alteration. It is recommended that the estimate as altered be sanctioned.

3 The Supg Engr: should report the approximate original cost of the existing [illegible] huts proposed to be abandoned and the account head to which it was charged so that any write-back necessary may be effected with reference to para 421 of the PWD Code, Vol II.

JHC 29.8.11 HLN 2.9.11 HL 2/9/11

MSCE 3080

To The Joint Secy to Govt PWD (I)
with the SE's letter and enclos: in original

(2)

SUBJECT.— Estimate of Rs 5800 for constructing huts for 12 lascars at Thekkady, Periyar Headworks.

C. No 2215/11

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

9

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Print { From the Supg. Engr., VI Circle, dt 1.8.11, 867 C.E.
{ Endorsement by the Chief Engr for Irrgn dt 2.9.11, No C 2215/

Print Report

Print notes pp 879 9 C.F.

Order. No. 310-I. Dt 28-9-1911

The following estimate is sanctioned:-

Imperial.

Capital Expenditure not charged to Revenue

49- Irrigation.

Periyar System.

Open Capital account

I - Works.

1. Head works.

K- Buildings.

Unremunerative Work

Constructing sheds for 12 lascars at Thekkady.

2

2/10

8.8

Estimate — Rs

I Works	5,800.
II Establt	1,334
Total	7,134

2 This sanction is registered as No 51-I of 1911-12 and will expire on the 31st March 1913.

p 2 of C.f.

3 The attention of the Supdg Engr:, VI Circle, is drawn to paras 2 + 3 of the foregoing endorsement by the Chief Engineer for Irrgn.

pp 8 + 9 of C.f.

[initials] 15.9.11

[initials] 30.8.11.

[initials] 30.8.11

[initials] 2.9.11.

[initials] 2/9/11

D

I

To the Chief Engr: for Irrgn ✓
" Supdg Engr:, VI Circle ✓ with plans + Estes → MS
" Acctt Genl, Madras ✓

D/p 7-10-11

Despatched on 25.11.11

Ordinary Press

Print notes.

[illegible]

3102

Despr. C 2215/4

Please have the enclosures to be despatched with the G.O. to the S.E., verified by C.E.I. The corrections in the plans & Ests., if any, [illegible] will have to be inked in by the T Section

[illegible]
21-9-11

C.E.I.

For favour of attention

[illegible]
21-9-11

H.D. Verified - The enclosures to the S.E. are put up separately

[illegible]
21/9/11

(Duplicate)

ESTIMATE FORM—Abstract. 6

Quantity.	Description of Work.	Rate	Per.	Amount.	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Constructing quarters for 12 lascars at Thekkady.				
	Abstract for a line of 6 Lascars.				
	1. Earthwork				
~~1810~~ 1817 cft	Excavating foundation	5-00	1000 cft	9	
2259 cft	Filling in basement with earth including watering and ramming	5-00	-do-	11	20
	2. Stone work.				
~~1778~~ 1785 cft	Rough stone in mud in foundations	10-0-0	100 cft	178	
1084 cft	Rough stone in mortar in basement	25-0-0	-do-	271	
~~5004~~ 4974 cft	Rough stone in mud in superstructure	11-0-0	-do-	~~550~~ 547	~~999~~ 996
	3. Flooring				
360 sft	Flooring with flat stones 4" thick and pointed with mortar	13-0-0	100 sft	47	
1296 sft	Flooring with earth rammed cowdung washed	0-6-0	-do-	5	52
	4. Roofing				
2908 sft	Roofing with corrugated iron sheets (20 B.W.G.)	25-0-0	-do-	727	727
	5. Woodwork.				
306 sft	Anjali wood batten doors including iron fastenings	0-10-0	sft	191	
72 sft	Anjaliwood batten windows with iron bars etc. Complete.	1-2-0	sft	81	
~~102.09~~ 140.51 cft	Anjali wood wrought and put up.	1-4-0	cft	~~128~~ 176	~~400~~ 448
	6. Pointing				
~~7722~~ 7705 sft.	Pointing with mortar	3-8-0	100 sft	270	270
	7. Tarring				
~~2132~~ 2413 sft	Tarring woodwork 2 coats.	1-8-0	100 sft	~~32~~ 36	~~32~~ 36
	Carried over			~~2500~~ 2549	~~2506~~ 2549

P.T.O.

Grand Total of Estimate. ..

STATION ———

Date ——— 19

~~Executive Engineer.~~

(E. No. 32.)

100,000—27—8-09.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS).

ESTIMATE FORM.--Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.

To be carried out by—

REFERENCES.

(Duplicate)

ESTIMATE FORM—Abstract.

Quantity.	Description of Work.	Rate.	Per.	Amount.	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	B. F			2500	~~2500~~ 2549
	8. Sundries				
28 Nos.	Holding down bolts, anchor plates, nuts	1-8-0	Each	42	
	Clearing the site and levelling		Ls.	50	
	Contingencies			~~130~~ 131	
	Supervision			78	~~300~~ 301
	Total for a line of 6 huts				~~2800~~ 2850
	∴ two rows of 6 huts each = 2×~~2800~~ 2850 =				~~5600~~ 5700
	Demolishing the existing line of 6 Lascars' huts				
3533 ft	Demolishing masonry	2-0-0	100 cft	71	
27 sft	Removing corrugated iron roofing including roof timbers	1-0-0	100 sft	22	
	Clearing site		L.S	7	
	Total				100
	~~Sale of old materials~~		~~Ls~~		~~100~~
	Grand Total of Estimate				~~5700~~ ~~5600~~ 5800

[signature]
Actg Engr 29/7/11
VI Circle

[initials] 27/7/11

Grand Total of Estimate Rs. ~~5600~~ ~~5700~~ 5800

STATION — Checked [initials] 22-8-11

Date 19

[initials] 30-6-11. [initials] 30-6-11

[signature] 4-7-11
Executive Engineer.
[initials] 1-7-11 Madura Dn.

(E. No. 32.)

100,000—27—8—09.

CIRCLE— VI

DIVISION— Madura

DISTRICT— Travancore Territory

TALUK (OR ESTATE IN CASE OF ESTATE WORKS).

ESTIMATE FORM.--Abstract.

Financial Head—Imperial Irrigation

Budget Head— 49. Irrigation open capital account

Departmental Head— I works

Main Head— I. Head works

Sub-Head— K. Buildings

Project of which the work forms part— Periyar

Section—

Name of Work— Constructing huts for 12 Lascars at Thekkady.

Amount of Estimate, Rs. ~~5600~~ 5700/-

To be carried out by— P. W. D.

REFERENCES.

Ru 1— 98[illegible]

[illegible] 1—8

16